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COTTON LITERATURE

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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONGeneral

Páez, C., Jorge. Anteproyecto para la instalación de la sub-estación encargada del estudio del cultivo del algodón en los valles del Norte. Estación Agrícola Experimental, La Molina, Informe 29: 31-48. January 1935. (Published at Lima, Peru)

Preliminary plan for the installation of the sub-station charged with the study of cotton cultivation in the valleys of the North.

Páez C., Jorge. Informe del viaje de estudio preliminar realizado en los valles del Norte para la creación de una sub-estación experimental de algodón. Estación Agrícola Experimental, La Molina, Informe 29: [3]-30, illus. January 1935. (Published at Lima, Peru)

Report of the study trip completed in the valleys of the North preliminary to the creation of an experimental sub-station for cotton.

Salazar, Raúl. El cultivo del algodón. Revista Agrícola [Guatemala] 13(5): 316-339, illus., table. July 1935. (Published by Secretaría de Agricultura, Guatemala, Guatemala)

Cotton cultivation.

The botanical description of the cotton plant, varieties, climate and soil required, cultivation, selection, harvesting and commercial preparation of the fiber, diseases and insects, and consumption and production are discussed.

Sudan. Gezira agricultural research service. Annual report for the year ended 31st December 1934, relating to experimental results obtained in the season 1933-34. 170 pp., tables, charts, mimeogr. [Wad Medani, Sudan 1935]

Report is largely on cotton experiments, including work on cotton pests, fertilizers, irrigation, and rotations.

Botany

Abraham, P. Occurrence of extracarpellary ovules on the floral axis in cotton. Indian Bot. Soc. Jour. 14: 291-297, illus. October 1935. (Published at Madras, India)

Literature cited: pp. 296-297.

Gore, U.R. Morphogenetic studies on the inflorescence of cotton. Bot.Gaz.97: 118-138,illus. September 1935. (Published by the University of Chicago, Chicago, Ill.)

Literature cited: pp.137-138.

Contr. Hull Bot. Lab.462.

Marques, Aloysio. Os invariantes morfológicos aplicados a' genética. Algodao 2(8): 13. June 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Morphological constants applied to genetics.

Monteiro Filho, Honorio. O algodoeiro. Contribuição á vulgarização do seu estudo botânico. Algodao 2 (11): 9-10,illus. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

The cotton plant. Contribution to the popularization of its botanical study.

Reeves, R.G. Origin of the fringe tissue of the cotton seed. Bot.Gaz.97: 179-184,illus. September 1935. (Published by University of Chicago Press, Chicago, Ill.)

Literature cited: p.184.

Texas Agr.Expt.Sta.Technol.Ser.,306.

Sampaio, A.J. Systematica dos algodoeiros. Hybridos e variedades hortícolas. Algodao 2(8): 5-7. June 1935. (Published at Cx.Postal 1321, Rio de Janeiro, Brazil)

Classification of cotton plants. Hybrids and horticultural varieties.

Skovsted, A. Chromosome numbers in the Malvaceae. I. Jour.Genetics 31(2): 263-296,illus.,tables. August 1935. (Published by Cambridge University Press, Fetter Lane, E.C.4, London, England)

Also in Empire Cotton Growing Corp. Cotton Research Station, Trinidad, Mem.(Ser.A Genetics), (11): 263-296,illus.,tables. London. 1935.

Weiss, Ernst. Beitrag zur histologie der baumwollfaser. Melland Textilberichte 16(9): 659-660,illus. September 1935. (Published at Heidelberg, Germany)

Bibliographical footnotes.

Contribution to the histology of the cotton fiber.

Agronomy

Belov, A. Chemisation in the field of cotton, 1935.

Khimizatsiia Sotsialisticheskogo Zemledeliia (Chem-

sation of Socialistic Agriculture) (5): 57-61. May 1935. (Published at Moskva, U.S.S.R.)
In Russian.

Bentz, Rodolfo. El algodón. Revista Agricultura y Comercio [Dominican Republic] 26(70): 1881-1883, illus. July 1935. (Published at Santo Domingo, Dominican Republic)
Cotton.

Bezerra, Lauro, and Silva Araujo, Alberto. A enxertia aplicada á cultura algodoeira. Algodao 2(11): 14-15. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)
Grafting applied to cotton culture.

[Campos Góes] Seleçao do algodoeiro "Mocó." Algodao 2(11): 38. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)
Selection of Moco cotton.

Carver, W.A. Cotton varieties for Florida. Fla. Agr. Expt. Sta. Bull. 285, 22pp., tables, charts. Gainesville. 1935.

Results of variety tests, recommendations for varieties best suited to Florida, and suggestions on the production of cottonseed are given.

Chumanov, Ia. I. The economic effectiveness of mineral fertilizers. Bor'ba za Khlopok (6-7): 39-44, illus., tables. June-July, 1934. (Published at Tashkent, U.S.S.R.)
In Russian.

"Results are given of expts. on the use of N and P fertilizers on cotton.-J.S. Joffe."-Chem. Abs. 29(12): 4122. June 20, 1935.

Falcao, Joao. O algodao em Pernambuco. Algodao 2(11): 11-12. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)
Cotton in Pernambuco.
Cultural methods are discussed.

Ferrero, R.A. El algodón Tanguis y su origen. La Vida Agricola 12(142): 689-704, illus. Sept. 1935. (Published at Nunes 26A, Casilla 1159, Lima, Peru)
The Tanguis cotton variety and its origin.

Gutsche, D.E.A. Cotton farming along the Orange River. Farming So. Africa 10(114): 375-376. September 1935. (Published by the Department of Agriculture, Union of South Africa, Pretoria, South Africa)

Hanhart, Pierre. La reprise de la culture du coton en Algérie sur des données nouvelles. Association Cotonnière Coloniale Bulletin Trimestriel (new ser.) 33(20): 102-105, tables. October 1935. (Published at 55, Rue de Châteaudun, Paris (IX^e), France)

The revival of cotton culture in Algeria on new principles.

Ivanova, V.S. Utilization of ammonia nitrogen by cotton. Lenin Acad. Agr. Sci. USSR Gedroiz Inst. Fert. and Agro-Soil Sci. Proc. 3: 77-103, illus., tables, charts. 1934. (Published at Moskva, U.S.S.R.)

"Soln. cultures with cotton on a modified Naftel medium with 3 pH intervals (3.5, 4.8 and 7.0) gave the following results: At pH 4.8 the addn. of Ca salts gave the best ratio of ions in the nutrient medium as indicated by the yield. The optimum pH for cotton was in the alk. range. The introduction of Ca in the form of CaCl_2 and CaSO_4 in the medium of pH 3.0 increased the utilization of NH_3 throughout the vegetation period of cotton. The most intensive utilization of NH_3 , as compared with nitrate, by cotton in the presence of the Ca salts took place at a slightly acid reaction of the medium; it was lowered at the neutral point because of the pptn. of the Ca by the phosphate ions. Addns. of K to the acid medium had no perceptible effects on the utilization of NH_3 or nitrate. The utilization of NH_3 and nitrate in the presence of K varied with the stage of growth, especially at pH 4.8 and 7.0. With an increase of K in the medium at pH 7.0 the nitrate was utilized more efficiently. At pH 4.8 more NH_3 was absorbed during the 60-100-day growth period. Addns. of Mg in the form of MgSO_4 and MgCl_2 decreased the utilization of NH_3 at pH 3.5 and 4.8. The decrease in utilization of NH_3 was still more marked if MgSO_4 alone was used. In general it seems that the pH is the primary factor in the utilization of either NH_3 or nitrate.-J. S. Joffe.-Chem. Abs. 29(7): 2282. Apr. 10, 1935.

La Junta nacional del algodón, trabaja activamente para intensificar las siembras de algodón en el país. Gaceta Algodonera 11(139): 19-23. August 1935. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina)

To be continued.

The National Cotton Council works actively to increase cotton sowings in the country.

The book of instructions issued by the Council is reprinted.

Kempski, C.E. Consejos practicos para el cultivo de algodón en Santiago del Estero. La Chacra [Buenos Aires] 5(60): 44. October 1935. (Published at Buenos Aires, Argentina)

Practical advice for the cultivation of cotton at Santiago del Estero.

Khar'kov, D.V. Application of fertilizers for cotton at fall plowing. Bor'ba za Khlopok (809): 47-56, illus., tables. August-September 1934. (Published at Tashkent, U.S.S.R.)

In Russian.

"Exptl. evidence is presented showing that the P and N, the latter as NH_4 salts, are not lost even if applied in the fall, and the effects are not diminished as compared with spring application of fertilizers at time of planting.-J. S. Joffe."-Chem. Abs. 29(12): 4122. June 20, 1935.

Nagibin, Ia. D. The results of cotton variety tests, conducted in the cotton regions of Uzbek, Turkmen, Tadjik, Kirgiz, Kara-Kalpak and Kazak Republics for 1932 and 1933. All-Union Sci. Research Cotton Inst. Bull. 1(15), 167 pp., tables. Tashkent. 1935.

In Russian, with English summary.

Piatenko, A.I. Character and degree of salt content in the cotton territory of Tadzhikistan. Khimizatsiia Sotsialisticheskogo Zemledeliia (Chemisation of Socialist Agr.) 1935(7): 13-17, tables. July 1935. (Published in Moscow, U.S.S.R.)

In Russian.

[Piquet, Oscar] Suggestoes para um melhor desenvolvimento do algodao arboreo no nordeste. Algodao 2 (10): 21. August 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Suggestions for a better development of tree cotton in the Northeast.

Ramakrishna Rao, K.L. Nadam cottons. Madras Agr. Jour. 23(7): 263-266. July 1935. (Published by M.A.S. Union, Agricultural College and Research Institute, Coimbatore, S. India)

The variety, common to India, is described.

Russell, R., and Manns, T.F. Copper sulfate as a plant nutrient. 1934 work on tobacco, cotton, and corn. Del. Bd. Agr. Bull. 24(6, i.e. 5): 97-129, illus., tables. 1934. (Published at Dover, Del.)

Included in Transactions of the Peninsula Horticultural Society, 1934. "Annual meeting held at

Camden, Delaware, December 18, 19, and 20, 1934."

"Data are given on numerous field tests with complete fertilizer mixts. contg. 50 lb. CuSO_4 per ton. CuSO_4 gave an av. increase of 10.4% in the yield of tobacco and 7.2% in the yield of cotton... CuSO_4 tended to delay ripening processes somewhat, but this effect was usually more than offset by the stimulating effect on the crop: -K. D. Jacob." -Chem. Abs. 29(14): 4876. July 20, 1935.

Um trabalho de genetica do algodao que honra a agronomia Brasileira. Descripcao das cinco variedades algodoeiras obtidas no Instituto agronomico de campinas e resultantes de selecção sobre os algodoes "Texas" e "Express." Algodao 2(8): 26. June 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

A cotton genetic work which does credit to Brazilian agronomy. Description of five varieties of cotton plants produced at the Institute Agronomico de Campinas and results of selection on these cottons.

Diseases

Clara, F.M. A new disease of cotton (*Gossypium* sp.) in the Philippines. Philippine Jour. Agr. 6(2): 217-225, illus., tables. Second Quarter, 1935. (Published by the Department of Agriculture and Commerce, Manila, P.I.)

Literature cited: p. 223.

Insects

[Allan, W.] Rhodesian cotton crop and insect damage. Textile Weekly 16(396): 367. Oct. 4, 1935. (Published at 49, Deansgate, Manchester, 3, England)

Summary of address "at the Imperial Society's Conference in London recently," on the failure of cotton crops in Northern Rhodesia due to the cotton stainer.

Orestes Montera, José. O coruqueré. Algodao 2(19): 33. August 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

The caterpillar.

Stehlé, H. Le ver rose du cotonnier à la Guadeloupe. Association Cotonnière Coloniale Bulletin Trimestriel (new ser.) 33(20): 106-107. October 1935. (Published at 55, Rue de Châteaudun, Paris (IX^e), France)

The pink bollworm of cotton in Guadeloupe.

Thomas, F.L. Fall measures for protection against 1935 cotton insects outlined by Dr.F.L.Thomas. Tex.Extens. Serv.Farm News 21(12): 8. September 1935. (Published by Extension Service, A. & M. College of Texas, College Station, Tex.)

Farm Engineering

United States Department of agriculture. Bureau of agricultural engineering. Division of mechanical equipment. Variable-depth cotton planter. 2 pp.,illus., mimeogr. [Washington, D.C.] 1935.

Farm Management

Dowell, C.T. How and when to pick and gin cotton. Prog.Farmer (Ga.-Ala.-Fla.ed.) 50(9): 21. September 1935. (Published at 821 North Nineteenth St., Birmingham, Ala.)

Also in Prog.Farmer (Tex.ed.) 50(10): 16. October 1935.

United States Department of agriculture. Bureau of agricultural economics. Division of crop and live-stock estimates. Farm value, gross income, and cash income from farm production, 1932-1933-1934. State summaries. 2 + [48] pp.,tables,multigr. Washington, D.C., 1935.

Cotton and cottonseed are included.

Farm Social Problems

Carpenter, C.T. King cotton's slaves. The fate of the share-cropper becomes a national issue. Scribner's Mag.98(4): [194]-199,illus. October 1935. (Published at 597 Fifth Ave., New York, N.Y.)

The economic and social condition of the share-cropper before and since passage of the Agricultural Adjustment Act, the subsequent organization and activities of the Southern Tenant Farmers' Union, and other developments to aid the share-croppers are discussed.

Johnson, C.S., Embree, E.R., and Alexander, W.W. The collapse of cotton tenancy; summary of field studies & statistical surveys 1933-35. 81 pp.,tables. Chapel Hill, The University of North Carolina press, 1935.

"Selected bibliography": pp.79-81.

"A commission of three has made during the past two years an intensive study of cotton culture and farm tenancy in...the Old South...Full reports of these studies are in course of editing and publica-

tion. The present brief summary of the findings... is issued for general readers..." - p.v.

Comment by Peter Molyneaux in Tex.Weekly 11(41): 4-7. Oct.12,1935.

Mangus, A.R. The rural Negro on relief, February 1935. U.S.Fed.Emergency Relief Admin. Div.Research, Statis. and Finance. Research Sect. Research Bull.H-3, 16 pp., illus., tables, charts, mimeogr. [Washington, D.C.] 1935.

"Rural Negroes were under-represented on the relief rolls of the Eastern Cotton area in February 1935. They were, at the same time, greatly over-represented on relief in the Western Cotton area... One reason for this contradiction is the difference in type of agricultural economy between the two areas. In the Eastern area, where the traditional tenure system persists, the tenant farmer is kept off relief rolls to a large extent by the paternalistic attitude of the landlord who feels it his obligation to "carry" his tenants throughout the year. Since the Negro is often favored over the white as a tenant, he shares the advantages of the paternalistic system to a greater extent than the whites. In the Western area, this land-lord-tenant relationship is less paternalistic and farm tenants are obliged to seek public relief when their source of income fails. In this area the Negro is at an economic disadvantage as compared with the white person and goes on relief in greater proportions."

Nixon, H.C. The historical background of present conditions in the South. Emory Univ.Bull.21(7): 31-34. July 1935. (Published at Emory University, Ga.)

Address at the "Eighth Annual Institute of Citizenship, Emory University, Atlanta, Georgia, February 11th to 15th, 1935," on political and economic problems of the South.

The author comments on the effect of sharecropping and tenancy on conditions in the South.

Cooperation in Production

Cotton is worth no more than its shortest staple.

Amer.Fert.83(5): 13. Sept.7,1935. (Published by Ware Bros. Co., 1330 Vine St., Philadelphia, Pa.)

The development of one-variety communities is noted.

PREPARATION

Ginning

Adams, Orville. New equipment gets new business for many ginners. Cotton and Cotton Oil News 36(42):

[3]-4. Oct.19,1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Effect of new equipment on the value of cotton ginned is described.

Ballinger, R.A. Cotton ginning rates in Oklahoma and neighboring states. Okla.Agr.Expt.Sta. Current Farm Econ.(ser.49) 8(5): 99-102, tables, (chart on cover). October 1935. (Published by the Department of Agricultural Economics, Oklahoma A. & M. College, Stillwater, Okla.)

Bennett, C.A. A brief discussion of gin saw tooth form and shape. Cotton Ginners' Jour.7(1): [3]-4, 14, illus. October 1935. (Published by Texas Cotton Ginners' Association, 109 North Second Ave., Dallas, Tex.)

Bennett, C.A. Research work in cotton ginning. Agr. Engin.16(10): 389-395, illus. October 1935. (Published by American Society of Agricultural Engineers, St. Joseph, Mich.)

Control plan. Oil Miller and Cotton Ginner 47(2): 7. October, 1935. (Published at 161 Spring St., N.W., Atlanta, Ga.)

A plan for State control of cotton ginning is suggested.

Co-operative cotton gin movement launched in Mississippi. Mid-So. Cotton News 13(3): 3. October 1935. (Published at 822 Falls Bldg., Memphis, Tenn.)

"A number of farmers' stock company gins are being reorganized into farmer-owned and farmer-controlled co-operative associations. Decided impetus has been given to the movement by the New Orleans Bank for Co-operatives which recently made physical facility loans to two farmers cooperative gin associations in Mississippi."

Fans and cotton piping. Amer.Ginner and Cotton Oil Miller 13(1): [5], illus. September 1935. (Published by American Ginner Publishing Co., P.O. Box 504, 14 Cotton Exchange Bldg., Little Rock, Ark.)

Ginning fans and piping are discussed.

Mooney, Booth. Texas cleaners for world cotton. Tex. Weekly 11(40): 8-9. Oct. 5, 1935. (Published at Dallas Athletic Club Bldg., Dallas, Tex.)

"Developments and improvements in methods of cleaning cotton" and Texas companies engaged in the manufacture of cleaning equipment are discussed.

[United States Farm credit administration. Co-operative division] Co-operative cotton gin movements spreading rapidly. Cotton and Cotton Oil News 36 (42): 4. Oct. 19, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

A survey of cooperative gins in Oklahoma and Texas, made by the Farm Credit Administration, is briefly reported.

Baling

Cotton conditions. Bedding Manfr. 31(3): 28, 30. October 1935. (Published by Better Bedding Alliance of America, 608 S. Dearborn St., Chicago, Ill.)

A brief survey of the world situation with special reference to Egyptian government supervision of baling for export.

Fulmer, H.P. Sell cotton wrapped cotton net weight. Manfrs. Rec. 104(10): 26, illus. October 1935. (Published at Commerce and Water Sts., Baltimore, Md.)

Liverpool talks on tare. Amer. Cotton Grower 1(5): [11] October 1935. (Published at 535 Gravier St., New Orleans, La.)

The baling of Egyptian, various South American and East Indian cottons is compared with the baling of American. Causes of and necessary steps in the elimination of poor baling and heavy taring for American cotton are discussed.

MARKETING

General

Annual cotton handbook for daily cable records of American, East Indian and Egyptian crops, together with Liverpool, Brazilian, continental &c., statistics; containing much useful and reliable information for the cotton trade. Season 1935-36. 349 pp., tables. London, Comtelburo, Ltd., 1935.

Can King cotton regain his throne? Com. and Finance 24(41): 349-855. Oct. 9, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

A symposium of views of the cotton trade as to the future of American cotton.

Case, W.W. Lower new-crop cotton loans increase domestic consumption and exports. Annalist 46

(1187): 534, 541. Oct. 18, 1935. (Published by the New York Times Co., New York, N.Y.)

This is a review of developments in the cotton market during the third quarter of the year. Seven statistical tables show the following; domestic cotton activity; world consumption of American cotton; exports of American cotton; supply and distribution of American cotton; world production of commercial cotton; world supply and distribution of all cotton; movement of American cotton.

Cox, A.B. Approaching a crisis. Cotton Digest 8(2): 5-8. Oct. 19, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

"The major consideration...is whether cotton in the United States and cotton goods in general can maintain themselves against foreign cotton production on the one hand and commodities competing for the consumer's dollar on the other." The author discusses the value of cotton on a gold basis and the effect of government policies on production and consumption.

Dearborn conference of agriculture, industry and science. Proceedings...Dearborn, Michigan, May 7 and 8, 1935. 256 pp., illus., tables, charts. [New York, The Chemical Foundation, Inc., 1935]

Cotton, pp. 232-233, Cotton charts, Figs. 8-11.

Charts show exports, consumption and world statistical position of cotton.

[Degener, Hans] Government of Brazil controls cotton industry, says merchant. Cotton Trade Jour. 15(39): 2. Oct. 5, 1935. (Published at 810 Union St., New Orleans, La.)

The author discusses increased production and classification standards in Brazil.

Geller, Carl. A retrospect of American cotton, 1934-1935 and prospects for the new season. Com. and Finance 24(41): 847-848. Oct. 9, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

Manchester Chamber of commerce official handbook, 1935. 322 pp., illus., tables. Manchester, England, C. Nicholls & Co., Ltd., 1935.

Manchester's significance as a center of the British raw cotton and textile trades is indicated.

Partial contents: Manchester and India. Trade relations and the value of mutual understanding. Future aims and objectives, pp. 41-45; Colonial trade,

pp.46-53; Manchester Chamber of commerce testing house, pp.54-56; The Chamber's work, a brief review of the scope of the Chamber's activities, pp.61-65; Statistical information, pp.66-71; Trade associations and societies in and around Manchester, pp.80-83.

Mogford, J.S. Cotton trade of Portugal. Farm and Ranch 54(19): 9. October 1935. (Published at 3306 Main St., Dallas, Tex.)

Molyneaux, P.F. The cotton crisis. Emory Univ.Bull. 21(7): 35-55. July 1935. (Published at Emory University, Ga.)

Address at the "Eighth Annual Institute of Citizenship, Emory University, Atlanta, Georgia, February 11th to 15th, 1935," on political and economic problems of the South.

"I propose...to attempt to show that cotton-growing in the United States is facing a crisis, in the most precise sense; that this crisis has been brought about chiefly by the operation of the commercial policy of the United States under world conditions which are radically different from those under which it has operated during most of our national existence; that the meeting of this crisis in any effective fashion requires a complete reversal of this commercial policy; that at present neither the Government of the United States nor the American people are showing any determined disposition to change this commercial policy...and finally, that only an awakening of the people, of such a character as to constitute nothing less than an upheaval, may be expected to bring about such a change and to effect such an adjustment."

[Mosor, C.K.] Where China buys and sells. U.S.Dept. Com.Bur.Foreign and Dom.Com. Trade Info.Bull.287, 57 pp., tables. Washington, D.C. 1935.

Discussion of the importation of cotton piece goods, raw cotton, and cotton yarns and the export of raw cotton is included.

Opinions on the outlook. Cotton Digest 8(2): 21-25. Oct.19,1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

Opinions of members of the trade are given.

Pernambuco economico. Algodao 2(11): 19, table, chart. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Economic Pernambuco.

Table shows cotton production in tons, 1914/15 to 1933/34. Chart shows cotton production and exports, and consumption of cotton in textiles, in 1000 tons, 1930 to 1934.

Pflieger, J.J. Optimism succeeds. Cotton Digest 8(2): 17-18. Oct.19,1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

The outlook for the new crop year is discussed.

Pulford, De Koven. Brazilian cotton. Brazilian Business 15(8): 298-301. August 1935. (Published by American Chambers of Commerce for Brazil, Rio de Janeiro, Brazil)

A brief account of cotton in Brazil, its history, area, production, consumption, export, by-products, grading, and present market situation. Tables give production in Sao Paulo and Brazil for the years 1933-1935, and annual consumption in Brazil from 1923 to 1934.

Also in Wilman's Brazilian Rev.27(33): 5-7. Aug.19,1935.

Round the cotton industries of the world. Egyptian cottonian's tour and his graphic impressions. Indian Textile Jour.45(539): 382-384. August 1935.

"Published by 'Missr' Cotton Export Company, Ltd., (ex-Lindemann), Alexandria, Egypt."

Impressions of "spot conditions," noted on a trip around the world, in countries within the British, the Japanese, and the United States zones of influence.

United States Department of agriculture. Agricultural adjustment administration. World cotton markets. Does the United States want to sell more cotton for less money? U.S.Dept.Agr., Agr.Adjustment Admin., Div.Info. G-43, 8 pp., tables. Washington, D.C. 1935.

Suggested references: p.8.

Windel, Dudley. American cotton in world markets. Amer.Cotton Grower 1(6): 11,19. November 1935. (Published at 535 Gravier St., New Orleans, La.)

The author discusses the outlook for American cotton against the background of world post-war economic history and under the new cotton policy of the United States. He outlines a program to be followed if the United States wishes to maintain her present supremacy.

Demand and Competition

Bitzenhofer, O.W. Germany's staple. How does it measure up to the older fibers? Textile World 85(11): 2040. October 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Rayon staple is compared with silk, cotton and wool.

Brandenburger, Herbert. Die neuen kunstfasern in wirtschaftlicher und technischer hinsicht. Zeitschrift für die Gesamte Textil-Industrie 38(1): 18-21.

January 1935. (Published by L.A.Klepzig, Leipzig, C.1, Germany)

The economic and technical importance of the new artificial fibers.

Cerini, Leonardo. Il fiocco di canapa. 12 pp. Castellanza, 1935-XIII.

The staple of hemp.

Cotonisation is discussed.

A lecture given before the Rotary Club of Varese at the meeting of February 7, 1935.

Chamberlain, S.D. Geared for acceleration. How functionalized organization conquers today's routine and absorbs tomorrow's expansion. Printers' Ink 172(3): 7, 10, 82-83. July 10, 1935. (Published at 185 Madison Ave., New York, N.Y.)

The sales organization of the Kendall cotton mills is described.

Changing conditions. Amer. Wool & Cotton Reprtr. 49 (40): [1], 37-38. Oct. 3, 1935. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.)

The trend from manufacture of clothing fabrics to manufacture of industrial fabrics is discussed in relation to liquidation in the cotton manufacturing industry.

Day, E.L., and Lane, R.P. Economic development of the cotton-textile industry in the United States, 1910-1935. A selected bibliography. U.S. Dept. Agr., Bur. Agr. Econ., Agr. Econ. Bibliog. 57, 137 pp., mimeogr. Washington, D.C. 1935.

Compiled under the direction of Mary G. Lacy, librarian, Bureau of Agricultural Economics.

Dollfuss, J.-J. Le travail industriel au Japon.

Société Industrielle de Mulhouse Bulletin 100(7): 453-471. September 1934. (Published by Imprimerie Bader et Cie., Mulhouse, France)

Industrial working conditions in Japan.

"Contradictory reports on industrial working conditions in Japan are briefly discussed and the subject is studied from a historical point of view. Employers' and operatives' organisations and industrial legislation are discussed and an account is given of the present working conditions, particularly those in the textile industry. It is pointed out that the success of the Japanese industry is due not merely to low wages and long hours of work but also to the use of efficient modern methods and to a high degree of organisation.-C."-Textile Inst.Jour. 26(1): A63. January 1935.

A famous Lancashire cotton spinning firm. Crosses & Winkworth consolidated mills, ltd. Cotton spinners from 1750 to 1935. Textile weekly 16(397): 388-389, 391, illus. Oct. 11, 1935. (Published at 49, Deansgate, Manchester, 3, England)

Hammett, J.D. Happy days coming again for cotton textile industry, this observer believes. Textile World 85(11): 2032. October 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Handford, J.H. Is the spindle method the best way to arrive at the proper valuation of a textile plant? Mass. Dept. Corporations and Taxation. Div. Local Taxation. Instr. to Assessors 15, pp. 32-35. [Boston] 1933.

Japan to limit cotton goods sales to Philippines. Textile Bull. 49(6): [5], 25. Oct. 10, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

The Japan year book 1935. 1380 pp., tables. Tokyo, The Foreign Affairs Association of Japan, 1935. Chapter XVIII, The textile industry, describes recent developments in cotton spinning, gives statistics of imports of cotton and exports of yarn and cloth, and describes the Anglo-Japanese and the Japan-Dutch East Indies textile trade conferences, pp. [556]-583.

Jefferson, F.W. The search for textile profits. Com. and Finance 24(41): 859-860. Oct. 9, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

"The author suggests three remedies to end the profitless era in cotton textiles": (1) unlimited production through a government subsidy "to manu-

facturers for export;" (2) "elimination of surplus, preferably obsolescent machinery... (3): elimination of night work and the adoption of a flexible single shift daytime program, the hours of the work week to be lengthened or shortened to accord with actual demand."

King, W. Cost reduction in cotton manufacturing. Causes of operating inefficiency and some modern remedies. Textile Recorder 53(630): 24-25. September 1935. (Published at Old Colony House, Manchester, 2, England)

Learned, E.P. The cotton textile situation. Harvard Business Rev. 14(1): 29-44. Autumn 1935. (Published for the Graduate School of Business Administration, Harvard University at 212-220 York St., York, Pa.)

The writer analyzes the cotton textile situation in order to find out if the cotton processing tax, the Japanese imports, the level of wages and the hours of work, or some other cause or set of causes is responsible for the condition of the industry.

He finds that "the present troubles of the cotton textile industry are mainly a continuation of the trends of the last ten years. The old difficulties of excess capacity, competing geographical areas, periodic accumulation of excess inventories, and unsatisfactory organization persist. These are fundamental ills which must be corrected before the industry can expect any extended period of prosperity." He does not think that the abolition of the processing tax would solve all problems.

Maurette, Fernand. Social aspects of industrial developments in Japan. 69 pp., tables. Geneva, 1934. (Internatl. Labour Off. Studies and Repts. Ser. B (Econ. Conditions) No. 21)

Cotton spinning and weaving mills were among those visited.

Meister, E. Die rohstoffe der deutschen textilindustria Zeitschrift des Vereines Deutscher Ingenieure 79 (22): 687-689, illus., chart. June 1935. (Published by VDI - Verlag, G.m.b.H., Berlin NW7, Germany) Bibliographical footnotes.

Raw materials of the German textile industry.

The pie-chart shows relative average annual consumption of the textile fibers.

Montague, G.H. Co-operation to meet an emergency. Textile Bull. 49(7): 11. Oct. 17, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

"Address before Convention of National Association of Cotton Manufacturers, Boston, October 17th", 1935.

The author discusses the need for further co-operation in the textile industry to bring production "more nearly in line with the average normal demand." He thinks that "to do away with over-production of single yarn" would be "a very important step" toward recovery of the textile industry, and that "a uniform single shift operation of 55 hours per week would probably do away with most of the ills of the industry."

Northern mill men endorse export subsidy. Com. and Finance 24(13): 906. Oct. 23, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

Brief report of "the 81st annual meeting of the National Association of Cotton Manufacturers" held October 17, 1935.

Norton, H.M. Efficiency a fetish in Japan. Textile World 85(11): 2034, table. October 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Table shows bales per worker per month, workers per 1000 spindles, and spindles per bale per month, 1927-1934.

Pascal, Vincent de. Italy's staple. Success is being encountered in competition with cotton and wool. Textile World 85(11): 2041, illus. October 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

The character of the staple produced in Italy is described.

[Perkins, J.E.] Gives reasons for quitting textile union. Textile Bull. 49(6): 16. Oct. 10, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Renfert, H. Menace of artificial fiber. Cotton Digest 8(2): 14. Oct. 19, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

The author discusses the development of substitute fiber production, particularly in Germany and Italy, in relation to Government foreign trade policies.

Rice, George. Dyeing new style cotton flannels. Textile Colorist 57(680): 557-558, illus. August 1935. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.)

The increased use of cotton flannels and dyeing methods are discussed.

Rose, M.A. The tide of business. Today 4(23): 16. Sept. 23, 1935. (Published at 152 West Forty-second St., New York, N.Y.)

The situation in the cotton textile industry is described.

Sloan, G.A. 10 factors favoring higher textile values. Com. and Finance 24(41): 866. Oct. 9, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

Steele, F.W. The future of the textile industry in New England. Textile Bull. 49(4): [5], 8, 24-25. Sept. 26, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

The author discusses "factors that have contributed to the steady decline in cotton manufacturing in New England" in an address given at Wellesley College.

"Student." Managerial musings. What to-day's leaders are thinking about. Textile Weekly 16(396): 351. Oct. 4, 1935. (Published at 49, Deansgate, Manchester, 3, England)

To be continued.

Credit and credit policy, "budgeting production by price forecasting", production cost control methods, and direct marketing by producers of cotton yarn and cloth are briefly discussed.

Terms of Japanese agreement are announced. Textile Bull. 49(7): [5]. Oct. 17, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

"The agreement by which Japan will voluntarily reduce its sales of cotton textiles to the Philippines" is discussed.

Textile industries in Shantung. Chinese Econ. Jour. 16(4): 386-406, tables. April, 1935. (Published at 1040 North Szechow Road, Shanghai, China)
Cotton spinning, pp. 386-392.

Titus, R.H. The textile cycle rises. What does it mean; for cottons? for woollens? for silk? for rayon? Mag. Wall St. 57(1): 32-33, 53, 54. Oct. 26, 1935. (Published at 90 Broad St., New York, N.Y.)

Corporate profits in these industries are discussed.

Supply and Movement

Adler, Benjamin. Calico becomes silk. Com. and Finance 24(41): 856-858. Oct. 9, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

The author discusses cotton production in Brazil and the fact that American merchants are establishing branches there. He points out the difficulties caused by undependable crop forecasting.

Also in Cotton and Cotton Oil News 36(41): [3]-4. Oct. 12, 1935.

El algodón en la economía Argentina. La Chacra [Buenos Aires] 5(60): 49, 65, 73. October 1935. (Published at Buenos Aires, Argentina)

Cotton in the economy of Argentina.

American cotton--A serious position. Unless drastic changes are made in the growing and marketing of U.S. cotton, the exports of raw cotton and cotton fabrics from that country will practically cease within the next five years. Textile Recorder 53(630): 17-18. September 1935. (Published at Old Colony House, Manchester, 2, England)

Argentina, paiz produtor de algodao. Consequencias económicas internacionais da politica algodoeira norte-americana. Algodao 2(11): 33-34. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Argentina, producer of cotton. International economic consequences of North American cotton policy.

Argentine not serious competitor of U.S. cotton--British expert. Cotton Trade Jour. 15(40): 3. Oct. 12, 1935. (Published at 810 Union St., New Orleans, La.)

The opinion of B.H. Hird, British cotton classification expert, on the cotton situation in Argentina is given.

Briggs, F.A. Billion dollar cotton crop predicted. Farm and Ranch 54(18): 3. Sept. 15, 1935. (Published at 3306 Main St., Dallas, Tex.)

The author figures the value on the basis of carryover and estimated production at 12 cents a pound.

Butler, Eugene. Large vs. small cotton crops. Prog. Farmer (Tex. ed.) 50(10): [3], 13. October 1935. (Published at 1104 Insurance Bldg., Dallas, Tex.)

The author discusses the values of recent crops compared with possible values had there been no control program. Cost of production is also mentioned.

Butler, Tait. Foreign cotton acreage growing. However, U.S. exports slump due more to depression than to competition, student of world market asserts. East Tex. 10(1): 13, 26, illus. October 1935. (Published by East Texas Chamber of Commerce, Adolphus Hotel Bldg., Dallas, Tex.)

Cobb, C.A. The first billion dollar cotton crop since 1929. Dixie's immediate outlook good and her cotton supremacy assured, says Cobb. Prog. Farmer (Ga.-Ala.-Fla. ed.) 50(10): 6-7, illus. October 1935. (Published at 321 North Nineteenth St., Birmingham, Ala.)

Also in Prog. Farmer (Tex. ed.) 50(10): 6-7, illus. October 1935.

Commercial & Financial Chronicle. Cotton movement and crop of 1934-35. Com. & Financ. Chron. 141(3666): 2001-2017, tables. Sept. 28, 1935. (Published by William B. Dana Co., 25 Spruce St., New York, N.Y.)

Farm.: King cotton repulses another attack. Threat of Brazilian competition fades as crop falls below estimates and buyers turn again to America. U.S. News 3(39): 11, 17. Sept. 30, 1935. (Published at 2201 M St., N.W., Washington, D.C.)

Flood, F.A. India and China problems. Amer. Cotton Grower 1(5): 8-9, 18, illus., table. October 1935. (Published at 535 Gravier St., New Orleans, La.)

The last of three articles on the foreign cotton situation.

The author points out that cotton production for foreign markets is limited in India, China and Russia by the need to grow food crops and by other domestic problems.

Himbury, W.H. The progress and development of cotton-growing within the British Empire. Cotton [Manchester] 41(1985): 21-22, table. Oct. 12, 1935. (Published by the Manchester Cotton Assoc. Ltd., 411 Fourth Floor, Royal Exchange, Manchester, 2, England)

[India. Indian central cotton committee] Lancashire wants uniformity in cotton quality. Reserved area for long-staple cotton production. Indian Textile Jour. 45(539): 362. August 1935. (Published at

Military Square, Fort, Bombay, India)

Extracts from the address of Sir T. Vijayaraghavacharya, president of the Indian Central Cotton Committee, at the thirty-first meeting, held in Bombay, August 19, 1935.

Johnston, Oscar. Johnston reassures trade on U.S. holdings. *Com. and Finance* 24(41): 855. Oct. 9, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

The author gives figures showing quantity of cotton controlled by the government but declines to state how it will be disposed of.

Also in *Cotton Digest* 8(2): 9. Oct. 19, 1935.

Jones, C.L. Brazilian cotton could reach par with U.S. as factor in world market. *Textile World* 85(11): 2035. October 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Latham, G.B. No alarm in cotton export slump. Loss of foreign markets because of competitive production is declared overestimated. *East Tex.* 9(12): 3. September 1935. (Published by the East Texas Chamber of Commerce, Adolphus Hotel Bldg., Dallas, Tex.)

Manchuria plans discouraging. *Cotton Digest* 8(1): 13. Oct. 12, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

Summary of a report to the United States Bureau of Agricultural Economics from Acting Agricultural Attache F.J. Rossiter at Shanghai on "the failure of governmental plans to expand cotton production in Manchuria" due to "unfavorable climatic conditions."

Matlock, R.L., and Kennedy, J.R. The quality of Arizona cotton. *Ariz. Expt. Sta. Bull.* 150, [287]-351 pp., illus., tables, charts. Tucson. 1935.

Discussions of factors affecting the quality of Arizona cotton and of the quality of American-Egyptian (Pima) cotton are included.

Mogford, J.S. Growing cotton in Egypt. *Farm and Ranch* 54(21): 3, 13, 20. November 1935. (Published at 3306 Main St., Dallas, Tex.)

Norris, P.K. Cotton production in northeast Brazil. U. S. Dept. Agr., Bur. Agr. Econ., For. Agr. Serv. F. S. - 64, 22 pp., illus., tables, charts, mimeogr. Washington, D.C. 1935.

Overby, Gertrude. Along the trails of Acadia. Amer. Cotton Grower 1(5): 14-15, illus. October 1935. (Published at 535 Gravier St., New Orleans, La.)

The author tells of her trip into "the Teche country of Louisiana in search of a [brown] Chinese cotton that has been grown by the Acadian farmers" for their own hand spinning and weaving "for almost two centuries." The Acadians call it "coton jaune" or yellow cotton.

Pignarre, Marcel. La culture du coton en Syrie en 1934. Association Cotonnière Coloniale Bulletin Trimestriel (new ser.) 33(20): 95-97, illus., tables. October 1935. (Published at 55, Rue de Châteaudun, Paris (IXe), France)

Cotton culture in Syria in 1934.

Produção de algodao. Algodao 2(10): 18-19, tables. August 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Cotton production.

Tables show Peruvian cotton exports, 1915-1935; and Peruvian cotton production, 1920-1933.

Sanders, J.T. How much cotton should America plant? Okla. Agr. Expt. Sta. Current Farm Econ. (ser. 49): 8(5): 103-110, chart. October 1935. (Published by the Department of Agricultural Economics, Oklahoma A. & M. College, Stillwater, Okla.)

The author concludes that America should plant about 40 million acres and that efforts should be made to expand exports.

Schneider, Alfred. Die nationalindustrien Südamerikas. Entwicklung, stand und importwirtschaftliche bedeutung. 88 pp., tables. Hamburg, Ibero-Amerikanisches Institute, 1935. (Ibero-Amerikanische studien 2)

The national industries of South America. Development, condition and importance of import economy.

Descriptions of cotton and cotton-textile industries are included.

Sea Island cotton industry. Trop. Agr. [Trinidad] 12(10): 273-274, table. October 1935. (Published at the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, B.W.I.)

Table shows total production figures or estimates of production for St. Vincent, Barbados, Montserrat, St. Kitts, Nevis, Anguilla, and Antigua, for the present year.

La siembra del algodón debe ser intensificada. La junta nacional del ramo así lo aconseja a los

productores de ese textil. Boletín Oficial de la Bolsa de Comercio [Rosario] 24(567): 35-37. Aug. 31, 1935. (Published at Rosario, Argentina)

The sowing of cotton should be extended. The national committee for this branch of trade so advises the producers of this textile fiber.

Son muy favorables las perspectivas que se advierten para el cultivo del algodón. En razón de las mismas la junta nacional de dicho producto aconseja a los agricultores del Norte que intensifiquen sus siembras para la campaña próxima. Revista Quincenal de Precios 11(237): 6-7, tables. Sept. 7, 1935. (Published by Salaberry, Bercetche & Cía, S.A., Defensa 108, Buenos Aires, Argentina)

The prospects for cotton cultivation are observed to be very favorable. On this account the Junta Nacional of this product advises farmers of the North to increase their sowings for the next season.

Tomlinson, Edward. The truth about cotton in Brazil. Country Home 59(10): 9-10, 26-29, illus. October 1935. (Published by Crowell Publishing Co., 250 Park Ave., New York, N.Y.)

The author tells of his observations on the recent development of cotton growing in the state of Sao Paulo and in the tree cotton country of northern Brazil.

Prices

Howard, C.B. Cotton comment. Cotton Trade Jour. 15(42): 1. Oct. 26, 1935. (Published at 810 Union St., New Orleans, La.)

The author compares conditions governing "basis" this season with those of last season.

Marketing and Handling Methods and Practices

Braun, Herbert. Die risikoausschaltung durch termin-geschäfte im handel mit amerikanischer baumwolle. Zeitschrift für Handelswissenschaftliche Forschung 28(7): 367-389. July 1934. (Published by G.A. Gloeckner, Liebigstrasse 6, Leipzig, C 1, Germany)

Eliminating risk through futures contracts in the American cotton trade.

Cotton. A proposal by government to improve its marketing facilities. Mirasdar 1(7): 193-194. April 1935. (Published at Mayavaram, Madras, S. India)

The recent law requiring standard weights for cotton marketing transactions in Madras Presidency is discussed.

Cotton mixing in Japan. Textile Bull.49(1): 8.
 Sept.5,1935. (Published by Clark Publishing Co.,
 118 West Fourth St., Charlotte, N.C.)
 Quotes U.S. Department of Agriculture.

Fatheree, A.P. A form showing net results of various
 ways of handling cotton under equalization plan.
 Miss. Co-op. News 7(2): 4. September 1935. (Pub-
 lished at 236-1/2 E. Capitol St., Jackson, Miss.)

[Geren, Oscar] Large producers should replace spots
 with futures. Cotton Trade Jour.15(39): 1. Oct.5,
 1935. (Published at 810 Union St., New Orleans,
 La.)

The author explains how "it would be to the ad-
 vantage of large producers to purchase contracts
 in the future market instead of holding their cotton
 under the government loan."

M., F. Le mélange de coton. Revue Textile 32(12):
 873,875,877,table. December 1934. (Published at
 61, Avenue Joan-Jaurès, Paris (XIX^e), France)
 Cotton mixing.

Saraiya, R.G. Cotton marketing. The other side of the
 shield. Indian Jour.Econ.16(1,serial no.60):
 65-72. July 1935. (Published by University of Alla-
 habad, Allahabad, India)

Complaints against baling, grading, bale marking,
 picking, "mixing", high density, and damping of Indian
 cotton are discussed in answer to an article by P.
 Satyamandam in the January 1935 Indian Journal of
 Economics.

Services and Facilities

China. Central cotton improvement bureau & Cotton indus-
 try commission, N.E.C. [National economic council]
 Report on grading cotton in the producing districts.
 Insp. & Com.Jour.6(8): 1-5,tables. August 1935.
 (Published at 1040 N. Soochow Road, Shanghai, China)

"For the purposes of the initiation of grading on
 cotton in the producing districts, particularly in
 regard to fibre length, quality and uniformity, grad-
 ing inspectors were dispatched last year (1934) to
 Shensi, Shangtung, and Honan. Inspections were car-
 ried out at the ginneries of the cotton co-operative
 societies in the provinces mentioned, whilst the
 cotton graded was limited to the local grown American
 variety."

[Commodity credit corporation] Instructions for making
 loans on cotton. Cotton and Cotton Oil News 36(40):
 [3]-5. Oct.5,1935. (Published by Ginner & Miller
 Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Dantas, Garibaldi. Algodao em caropo. Algodao 2(8): 9-10, 12. June 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Seed cotton.

The storage and handling of seed cotton, and its classification are discussed.

Let's close the cotton exchanges. What good do the cotton exchanges do the farmer? Mid-So. Cotton News 13(3): 1. October 1935. (Published at 322 Falls Bldg., Memphis, Tenn.)

An appeal by the Mid-South Cotton Growers Association to farmers to act to secure modifications of cotton marketing machinery which will place control in the hands of cotton producers.

Revere, C.T. Cotton's changing position. Rev. of Reviews 92(4): 49-50, 64, table, chart. October 1935. (Published at 233 Fourth Ave., New York, N.Y.)

The probable effects of the Government's new cotton loan policy on world and domestic consumption of American cotton is contrasted with the effects of the previous twelve cent loan policy.

Spedden, T.R. Banking the cotton crop. Amer. Cotton Grower 1(5): [12]-13, illus. October 1935. (Published at 535 Gravier St., New Orleans, La.)

Warehouses and warehousing, including Marine Insurance rates for the several classes of warehouses are discussed by the "director of warehousing for the American Cotton Cooperative Association."

[Truda, Leonardo] O creditor agricola para o ouro branco. Algodao 2(10): 13-14. August 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Agricultural credit for "white gold."

Cooperation in Marketing

Brackeen, L.O. Cotton co-operative operating efficiently. Prog. Farmer (Ga.-Ala.-Fla. ed.) 50(9): 49. September 1935. (Published at 321 North Nineteenth St., Birmingham, Ala.)

"Comparative figures show that the Alabama Cotton Co-operative Association is handling cotton at about one-third the cost that it did during the early years of its history."

Luz Filho, Fabio. Cooperativismo e credito agricola. Algodao 2(11): 17. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

The cooperative movement and agricultural credit.

Return reserve fund planned. New assn. chartered as operating unit. TOCC to gradually dissolve physical and real properties. Tex. Co-op. News 15(10): 1, 3. October 1935. (Published at 1100 South Ervay St., Dallas, Tex.)

The organization and plans of the Texas Cotton Growers Association to take the place of the Texas Cotton Cooperative Association are described. The articles of incorporation and by-laws are given on p. 2.

United States Congress. Senato. Committee on agriculture and forestry. Activities and operations of the Federal farm board. Report... pursuant to S. Res. 42 (Seventy-second Congress). A resolution directing the Committee on agriculture and forestry to make an investigation of the activities and operations of the Federal farm board. Presented by Mr. McNary. U. S. 74th Cong., 1st Sess., S. Rept. 1456, 37 pp., tables. Washington, D. C. 1935.

A description of the financial operations of the American Cotton Cooperative Association and other cotton cooperatives is included.

UTILIZATION

Fiber, Yarn, and Fabric Quality

Ahmad, Nazir. Modification of O'Neill's single cotton fibre strength tester. Indian Textile Jour. 45(539): 371. August 1935. (Published at Military Square, Fort, Bombay, India)

The modified O'Neill tester and its operation are described.

[Bayes, A. H.] Interpreting the results of yarn tests. Textile Manfr. 61(729): 367, illus. September 1935. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England)

Letter to the editor criticizing a misloading calculation in A. H. Milne's article "Interpreting the Results of Yarn Tests" in the May "Textile Manufacturer," p. 199.

Frotscher, W. Über die gleichmässigkeitsprüfung von gespinnsten. Monatschrift für Textil-Industrie 50 (9): 206-29, illus. September 1935. (Published by Theodor Martins Textilverlag, Dorrienstrasse 9, Leipzig, C 1, Germany)

To be concluded.

Tests of yarn uniformity.

Griffith, M.E., and Tucker, E.M. An analysis of some white cotton fabrics. Ohio Agr.Expt.Sta.Bi-Mo.Bull. 20(172): 22-25, tables. January-February 1935. (Published at Wooster, Ohio)

"Eight fabrics were examd. There was little difference in actual breaking strength of the fabrics at the different price levels. There was no apparent relation between the strength, wt. and thread count of the fabrics. The warp strength was greater than the av.filling strength. The piqués had the highest breaking and bursting strength, followed by Oxford cloth and lastly by dimities. Price is apparently only a slight indication of cotton fabric quality.-C.R.Fellers."-Chem.Abs.29(10): 3524. May 20, 1935.

Haworth, W.N. The molecular structure of carbohydrates. Textile Manfr.61(729): 387-389, illus. September 1935. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England)

Abstract of address, "as president of the Chemical Section, to the British Association for the Advancement of Science, September 4."

The structure of cellulose is included.

Herzog, Alois. Fehler in textilen rohstoffen und erzeugnissen, ihre erkenntung und untersuchung. Melland Textilberichte 16(6): 413-428, illus., tables, charts. June 1935. (Published at Heidelberg, Germany)

Bibliographical footnotes.

To be continued.

Faults in textile raw materials and textile products, their recognition and investigation.

Kjellstrand, Stig. Die beziehungen zwischen berst- und reissfestigkeit von gewoben. Melland Textilberichte 16(6): 402-405, illus., tables, chart. June 1935. (Published at Heidelberg, Germany)

To be continued.

The relation between bursting and breaking strength of fabrics.

Krauter, G. Richtungen textiler forschung. Textile Forschung 16(1): 24-26. March 1934. (Published at Dresden, Germany)

The trends of textile research.

"The two chief trends are (1) to exam.the fibres only scientifically for their phys.and chem.pro-perties and to leave it to practice to evaluate the results obtained and (2) to study the fibres and their properties during their consumption and to work in close co-operation with the trade. Of those

two the second road is preferable and includes investigations on the use of textiles as well as the working up of good methods of testing. Several examples are cited. (V)"-Textile Research 5(11): 515. September 1935.

Kruger, D. Fortschritte der cellulosechemie. Zellstoff und Papier 15: 50-52; 89-92. 1935. (Published at Bernburger Str. 23, Berlin, SW 11, Germany)

Advances in cellulose chemistry.

"A review. Seventy-eight references.-S. I. Aronovsky." Chem. Abs. 29(12): 4167. June 20, 1935.

Langer, Kurt. Über den einfluss des mercerisierens auf die reissfestigkeit, länge und feinheit der baumwollfasern. Melliand Textilberichte 16(7): 507-508, tables, chart. July 1935. (Published at Heidelberg, Germany)

Bibliographical footnotes.

The influence of mercerization on the breaking strength, length, and fineness of the cotton fiber.

Moskowitz, Samuel, Landes, William, and Himmelfarb, David. A new method for distinguishing between new and second-hand cotton filling materials. Amer. Dyestuff Repr. 24(16): 463-466, tables. Aug. 12, 1935. (Published by Howes Publishing Co., 440 Fourth Ave., New York, N.Y.)

Report of tests conducted by "the Division of Bedding of the New York State Department of Labor."

Also in Bedding Manfr. 31(3): 42-45, tables. October 1935.

Oguri, S., and Yoshida, T. Hygroscopic moisture of cellulose. XIII. Indirect determination of the heat of the sorption of water vapour on cellulose. Soc. Chem. Indus. [Japan] Jour. (Sup. binding) 33(9): 434B-436B, illus., tables, charts. September 1935. (Published at Yuraku Bldg., Marunouchi, Tokyo, Japan)

Abstract of paper, "received May 17, 1935."

Pickard, R.H. British cotton industry research association. The work of the Shirley institute, Didsbury, Manchester. Cotton [Manchester] 41(1985): 17. Oct. 12, 1935. (Published by the Manchester Cotton Assoc. Ltd., 411 Fourth Floor, Royal Exchange, Manchester, 2, England)

Preston, J.M., and Freeman, K. "A fibre refractometer." Soc. Chem. Indus. Jour. 54(15): 333. Apr. 12, 1935. (Published at 46 & 47 Finsbury Square, London, E.C.2, England)

"In a new method for measuring the refractive indices of fibres, the fibres act as minute cylindrical lenses whose focal lengths depend on their refractive indices relative to the medium in which they are immersed. The dispersions of a number of liquids forming the medium must first be determined by measuring their refractive indices at various wavelengths over the spectrum. From the data of the dispersion curve of the liquid the refractive index corresponding to this wavelength is found and thus of the fibres at that wavelength. (From J.T.I., August 1935, P.A415) (C)."-Textile Research 5(12): 579. October 1935.

Prindle, Bryce. The microbiology of textile fibres. Textile Research 5(12): 542-568, illus., tables. October 1935. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.) To be continued.

"The report now presented deals with... (1) An experimental study of the micro-flora of commercial raw cotton fibre. (2) A review of the microbiology of wool as reported in the literature."

Reumuth, H. Der merzerisiervorgang unter dem mikroskop. Zeitschrift für die Gesamte Textil-Industrie 38(1): 21-24, illus. January 1935. (Published by L.A.Klopzig, Leipzig, C 1, Germany)

The mercerizing process under the microscope.

"Many phys. and chem. conditions must be fulfilled to bring about good mercerization. On placing cotton fiber with mercerizing liquor under the microscope it is possible to observe these phenomena: The original torsion of the sept.hairs disappears. The lumen closes, swells and disappears more or less rapidly. The ribbon-like cross section of the cotton becomes nearly round. The fiber surface becomes smooth. A measurable swelling process occurs depending on the concn. of the base and the added ingredients. The fine structure of the cellulose fiber undergoes a structural re-arrangement. Violent shrinking processes occur. Mercerized cotton shows an increased tear resistance. From a chem.standpoint it is possible to note an increase of the absorption of dyes. The high swelling capacity increases the absorptive power and the inner surface. Dry mercerization has the advantage of saving time and avoiding various boiling and rinsing operations. The purpose and effects of mercerizing aids are discussed. A no. of photomicrographs are included. The mercerizing process was also studied by means of a microscope in connection with a motion-picture camera.-Leopold Schefflan, "-Chem.Abs.29(6): 1993. Mar.20,1935.

Reumuth, Horst, and Köhler, Werner. Textil-chemische untersuchungsfälle in einzeldarstellungen IX. Chemische baumwollschäden. Zeitschrift für die Gesamte Textil-Industrie 38(1): 12-14, illus. January 1935. (Published by L.A. Klopzig, Leipzig, Cl, Germany)
Single examples of textile-chemical research. IX. Chemical damage to cotton.

Roehrich, O. Les possibilités de filature d'un coton et les technologiques de sa fibre. Revue Textile 32: 711, 713, 715, 717, 719, 721, illus., table, charts. October 1934. (Published at 61, Avenue Jean-Jaurès, Paris (XIX^e), France)

Bibliography: p. 721.

The spinning value of cotton and the technological properties of the fiber.

"A method of measuring the rigidity of fibres is described that depends on measurements of the time taken by a twisted bundle of fibres of 10 mm. length to untwist. Determinations have been made on samples of Egyptian, American and Indian cottons. The results are given together with the results of spinning tests and determinations of length and fineness. In certain cases differences in the spinning value of cottons of a given type can be explained by differences in rigidity or in other fibre properties. Rigidity appears to be more closely correlated with mean fibre diameter than with fibre weight. It is shown that an approximate estimation of the highest possible counts in spinning can be made from the fibre length and diameter, and an empirical formula is given.-C."- Textile Inst. Jour. 26(1): 139. January 1935.

Saxl, I. J. Some dynamic properties of filamentous materials. Textile Research 5(12): 519-537, illus., charts. October 1935. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.)

References: pp. 536-537.

"A testing apparatus is described in which the chain-weight principle is used for the purpose of a slow and continuous load application as well as load removal... Measurements taken of textile yarns are compared to the load extension characteristics of metals and the results are discussed in exact physical terms. The dynamic characteristics of sized yarn are discussed."

Schiefer, H. F., and Taft, D. H. Mechanical properties of cotton yarns. Jour. Research 15(3): 237-253, tables, charts. September 1935. (Published by National Bureau of Standards, United States Department of Commerce, Washington, D. C.)

"The results of tests on three lots of cotton yarns are discussed... The breaking strength and elongation at rupture were determined by single-

strand, multiple-strand, and skein tests. The variation in breaking strength, elongation at rupture, diameter, angle of twist, and irregularity of the 80s and 10s yarns with the amount of twist are shown. The average breaking strength per strand and the elongation by the multiple-strand test are less than those by the single-strand test and greater than those by the skein test. The data were studied statistically and an explanation is given of the differences which were obtained by the different test methods."

Schmidt, Erich, Schnegg, Robert, Jandebour, Wilhelm, Hecker, Margarete, and Simon, Wilhelm. Zur kenntnis der cellulose nativer zusammensetzung aus baumwolle. I. Mitteil. (Mitbearbeitet von J. Watson Pedlow und Matthias Atterer.) Berichte der Deutschen Chemischen Gesellschaft 68 A(3): 542-552, tables. Mar. 6, 1935. (Published by Verlag Chemie, G.M.B.H., Berlin, W.35, Germany)

Investigations of native composition of cellulose from cotton. Part I. (With the assistance of J. Watson Pedlow and Matthias Atterer.)

"Cellulose derived from cotton of whatever kind, has a carboxyl content of 0.28 per cent. If the acid fatty and waxy substances present in the cotton fibres are not completely removed, higher values are obtained. Too low values result if degradation of the cellulose molecule occurs... Comprehensive analytical data for cellulose from various cottons are included.-C."-Textile Inst. Jour. 26(6): A327. June 1935.

Scott, W.M. Analytical methods for a textile laboratory. 80 pp., tables. [New York, Howes Publishing Co.] 1932.

Reprinted from American Dyestuff Reporter 1932.

Smith, H.D.W. The activities of the United States institute for textile research. Amer. Dyestuff Reprtr. 24(18): 513-517. Sept. 9, 1935. (Published by Howes Publishing Co., 440 Fourth Ave., New York, N.Y.)

"Presented at meeting [of the American Association of Textile Chemists and Colorists] New York Section, May 24, 1935."

Swoboda, Heinz. Das laboratorium der baumwollweberei. Spinner und Weber 50(7): 154-157, illus. July 1935. (Published by Theodor Martins Textilverlag, Dorianstrasse 9, Leipzig C 1, Germany)

The laboratory of the cotton weaving mill.

Tschudi, J.J. Über garnprüfung im dienste der praxis und andere damit verbundene fragen. Monatschrift

far Textil-Industrie 50(8): 178-188. August 1935.
(Published by Theodor Martins Textilverlag, Dörrien-
strasse 9, Leipzig C 1, Germany)

Yarn testing in practice and other related ques-
tions.

Vendor, A.W. Scroop on cotton yarn. Textile Manfr.
61(729): 384. September 1935. (Published by Emmot
& Co., Ltd., 31 King St. West, Manchester, 3, England)
"Some experiments on scrooping grey mercerised
cotton yarns."

Weil, Curt. The natural cellulose fiber and its hydra-
tion. Paper Indus. 16(22): 842-845, illus. March 1935.
(Published at 333 N. Michigan Ave., Chicago, Ill.)
"An explanation of the theoretical concept of the
structure of a cellulose fiber and of the changes it
undergoes under mech. treatment, according to the
results of the most recent investigations.-A. Papi-
neau-Couture."-Chem. Abs. 29(11): 3829. June 10, 1935.

Weinges, H. Vergleichende untersuchungen über die reiss-
und berstfestigkeit von gewebe. Textile Forschung
16(1): 61-64, table. March 1934. (Published at Dres-
den, Germany)

Comparative investigations on the tear and burst
resistances of textile fabrics.

"The tear and burst resistances agree only in
cotton and rayon fabrics manufd. from stretched vis-
cose silk threads...Possibilities for further research
along these lines are pointed out. (W)."-Textile
Research 5(12): 572. October 1935.

Technology of Manufacture

B., E. Une nouvelle conception de la filature du coton.
Revue Textile 32(11): 787, 789, 791, 793, illus. November
1934. (Published at 61, Avenue Jean-Jaurès, Paris
(XIX^e) France)

A new conception of cotton spinning.

"In a simplified system of cotton spinning, the
cotton passes from a bale breaker to a porcupine
opener in the case of medium or long stapled cotton
or to a Crighton opener in the case of short stapled
cotton such as Indian cotton. The porcupine or Cright-
ton opener is followed by a horizontal opener or a
Crighton opener and from this state a pneumatic trans-
port system provided with a dust cage conveys the
cotton to a condenser-distributor which feeds the
automatic hopper feeders attached to finisher scutchers.
In an arrangement which gives laps of high regularity
the bale breaker is followed by an automatic hopper

feeder supplying a porcupine opener. From this opener the cotton passes between a pair of metal rollers to a second porcupine opener and from thence to the pneumatic conveying system. The laps produced by these single-process scutching systems are said to be more regular than those produced by the usual methods. The laps are passed to cards provided with rigid wire clothing which does not require frequent stripping. Card slivers are combined on a sliver lap machine and the lap is passed to a combing machine. After combing the sliver may be given two passages of drawing and the drawing process continued at the speed frames which are preferably supplied with four lines of rollers. Instead of passing the cotton to the slubbing frame after two passages of drawing it is advantageous to give a doubling of 6 or 8 on the ordinary drawing frame and to use two funnels so as to obtain a double untwisted sliver which can be presented to the intermediate frame. From the intermediate frame it is possible to work mixtures of inferior quality cotton with cotton of long staple.-C. "-Textile Inst. Jour. 26(2): A72-A73. Feb. 1935.

[Casablancas high draft co., ltd.] Preparation costs in relation to high drafting. Spinner 1(1): 6-11, tables, charts. June 1935. (Published by Casablancas High Draft Co., Ltd., Bolton St., Salford 3, Manchester, England)

In this article "an attempt is being made to present the relation between Preparation Costs and High Drafting in as general a way as possible, the results being given not in absolute figures but in percentages relating to the ordinary conditions existing before the adoption of High Drafting. The definite costs for any particular mill are obtainable by simply applying the corresponding percentages to the actual expenditure."

Cotton dust removal. Improved electrical precipitation method. Electrician 114(2976): 799, illus. June 14, 1935. (Published at Bouverie House, 154, Fleet St., London, E.C.4, England)

Apparatus for the "removal of cotton dust from the atmosphere of cotton mills" is discussed.

D., C.R. Cotton spinning management. Cotton mixing. Textile Manfr. 61(729): 353-354, 374, illus. September 1935. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England)

"General principles in the selection and mixing of cottons, and practical information of machinery and methods."

D., T. L'emploi du tambour électro-magnétique. Revue Textile 32(12): 877,879,illus. December 1934. (Published at 61, Avenue Jean-Jaurès, Paris (XIX^e) France)
The use of the electro-magnetic roller.

"Fragments of iron in cotton which are liable to cause fires in opening and scutching processes may be removed by means of an electro-magnetic roller placed behind the bale breaker. The roller is composed of a series of semi-circular segments between which are copper coils providing a magnetic field, and a brass cover, provided with transverse rods, which turns round the magnetic system. Diagrams showing the arrangements for systems with lattice and pneumatic conveying installations are given.-C.-" Textile Inst.Jour.26(4): A189. April 1935.

Dunkerley, William. "The alteration in spinning technique involved on changing over a cotton mill from shorter staples to Egyptian cottons." Textile Weekly 16(397): 381,383, illus. Oct.11,1935. (Published at 49, Deansgate, Manchester, 3, England)
To be continued.

An entry in the Textile Weekly prize essay competition.

[Hewitt, F.R.] Cap spinning in practice. Fibre and Fabric 38(2645): 10-12. Oct.12,1935. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.)

The operation and advantages of cap spinning frames are discussed.

High draft in cotton spinning. Textile Weekly 16(396): 352. Oct.4,1935. (Published at 49, Deansgate, Manchester, 3, England)

"Abstract from a lecture by a representative of the Casablanca High Draft Co. Ltd., to the Oldham Technical Association and Old Students Union, October 3, 1935," giving a review of the Casablanca system.

[Holt, S.S.] New system of reworking waste. Textile Bull.49(7): 6-7,34,illus. Oct.17,1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

"A recent invention by...[the] superintendent of the Tavora Manufacturing Company, Graham, N.C." relating "to a method and means of reclaiming strippings or waste from carding machines in cotton manufacture and also in the reclaiming and use of strippings from carding machines used for carding any type of textile fibers" is described.

[Howard & Bullough, Ltd.] New type of ring doubling frame. Big saving in power and labour claimed for Lancashire invention. Textile Mercury and Argus 93(2425): 237, illus. Sept. 13, 1935. (Published at 41, Spring Gardens, Manchester, England)

Also in Textile Recorder 53(630): [35]-36, illus. September 1935; Textile Manfr. 61(729): 369, 358, illus. September 1935.

An improved cleaning brush for cotton combing machines. Textile Recorder 53(630): 36, illus. September 1935. (Published at Old Colony House, Manchester, 2, England)

Lawton, T.W. Cotton-roving twist chart. Textile World 85(11): 2045, chart. October 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Level Moreaux, Pedro. Formação do fio de algodão. Algodão 2(10): 23-24. August 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)
Manufacture of the cotton thread.

[Marsh, Grundy and Co.] To remove yarn faults. Textile Mercury and Argus 93(2428): 298. Oct. 4, 1935. (Published at 41, Spring Gardens, Manchester, England)

An invention "to meet the requirements of spinners who have asked for a mechanism to detect slubs, etc.," is described.

[Preston and District textile managers' association] Spinning, preparation, and weaving. Preston mill managers' open discussion. Textile Weekly 16(397): 400-401. Oct. 11, 1935. (Published at 49, Deansgate, Manchester, 3, England)

Report of the "opening meeting of the 1935-36 session of the Preston and District Textile Managers' Association... October 4, 1935."

Reiners, Walter. Die versuchsmässige ermittlung der garnzugkraft auf dem selbstspinner. Melliand Textilberichte 16(6): 395-400, illus., charts. June 1935. (Published at Heidelberg, Germany)

Experimental determination of the yarn tension on the mule.

"The author first describes the device which brings about the tension of the yarn on the mule spinning machine and then deals in detail with the yarn tensile force during spinning. It was ascertained beyond doubt that the properties of the yarn were improved by changing the speed of rotation of the

spindle during winding on, because the tension conditions in the yarn were then more favorable. It is further an important point that the counter-faller as far as possible must not dip below the spindle caps, its motion must be uniform, and it must move in a straight line in the filling layer."-Rayon and Melliand Textile Mo.16(10): 626. October 1935.

The simple physics of humidification. Textile Bull.49(6): 30,34. Oct.10,1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

[Trogdon, W.H.] Patented cotton-lap weight indicator. Textile Bull.49(6): 12,24,illus. Oct.10,1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

"The object of this invention is to provide a simple instrument, actuated by moisture conditions, to enable the lapper man to readily determine the weight of the lap he will need under the conditions existing at the time of making the lap to produce laps of uniform weight." The instrument is described.

Technology of Consumption

American society for testing materials. 1935 supplement to Book of A.S.T.M. standards. 208 pp., illus., tables. Philadelphia, American Society for Testing Materials, 1935.

Standard specifications and methods of test for Holland cloth, pp.206-208.

Beckham, W.K., and Mills, W.H. Cotton-fabric-reinforced roads. Bituminous-surface treatments on both roads and bridge floors in South Carolina show superior durability when reinforced with cotton fabric. Engin. News-Rec.115(14): 453-455, illus. Oct.3,1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Cotton fabrics used to construct road. Cotton and Cotton Oil News 36(39): 4. Sept.28,1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

A demonstration on "the Delta & Pine Land Cotton Company plantation at Scott, Miss." is reported.

Cotton roads. Fibre and Fabric 88(2645, i.e.2644): 8-9. Oct.5,1935. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.)
From New York Journal of Commerce.

The cotton fabric and construction used on the new highway at Scott, Mississippi, are described. The history and practicability of cotton roads are briefly discussed.

Cotton roads now in five states. Textile World 85(11): 2031, illus. October 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

The "preferred fabric" is briefly described and its cost and the states where cotton fabric roads have been built are mentioned.

The Cotton-textile institute, inc. Cotton "farm-to-market" roads. Cotton fabric used in reinforcing bituminous surface for better, more durable, low cost secondary roads. 12 pp., illus. New York, [1935]

The use, construction, and performance records of "cotton roads," and the fabric used are described.

Extracts in Cotton Digest 8(1): 12-13. Oct. 12, 1935.

The New England council. Fibre and Fabric 88(2644, i.e., 2643): 6-8. Sept. 28, 1935. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.)

Report of 40th quarterly meeting. The use of cotton in road building was discussed by H.E. Barnard.

Revere, C.T. Cotton roads are here. Com. and Finance 24(41): 861-862. Oct. 9, 1935. (Published by Com-fine Publishing Corp., 95 Broad St., New York, N.Y.)

The use and advantages of cotton for "farm to market roads" are discussed.

Scheithauer. Über die Brauchbarkeit von Mischgeweben aus Vistra und Baumwolle bzw. Flachs als Waschestoffe. Melliand Textilberichte 16(9): 633-637, tables, charts. September 1935. (Published at Heidelberg, Germany)

Utility of mixed fabrics of Vistra and cotton or flax as washable materials.

The use of Indian cotton. Spinner 1(1): 23-24. June 1935. (Published by Casablancas High Draft Co., Ltd., Bolton St., Salford 3, Manchester, England)

Samples of two constructions of cloth made from Indian cotton are given.

COTTONSEED AND COTTONSEED PRODUCTS

Barrow-Agee laboratories, inc. [Twenty-seventh annual average of analyses made in our Laboratories of the new season cottonseed through September 30.] Mid-So. Cotton News 13(3): 6, table. October 1935. (Published at 822 Falls Bldg., Memphis, Tenn.)

Tables gives percentages of F.A.A. in oil, moisture, oil, ammonia; grade, and yield of cake and oil for 1932, 1933, 1934, and 1935, in Mississippi, Arkansas (Eastern), Tennessee, and Louisiana.

Bechel, S.I., and Skaggs, S.R. A study of the malnutrition incident to the heavy feeding of cottonseed meal. Jour. Dairy Sci. 18(7): 435-436. July 1935. (Published at Lime and Green Sts., Lancaster, Pa.)

Abstract of paper presented at annual meeting of the American Dairy Science Association.

Experiments at Pennsylvania State College are reported.

[Bissell, T.H.] Insects infest cottonseed meal.

Cotton Digest 8(1): 13-14. Oct. 12, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

Summary of the findings of the entomologist of the Georgia Experiment Station on six "different kinds of insects that damaged bagged cottonseed meal." Methods in which the meal becomes infested, and suggestions for preventing infestation are discussed.

Cottonseed oil contract. Cotton Digest 8(1): 7, table. Oct. 12, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

An estimate of cottonseed oil production for 1935-'36 is compared with production, carryover, consumption and volume of trade figures for 1934-'35, and certain average figures for the past ten years. The cottonseed oil contract of the New York Produce Exchange is discussed. Table gives prices of cottonseed oil at New York, 1910-11 to 1935-36.

Freyer, Egbert. A modified procedure for determining amount of lint on cottonseed. The development of more rapid and accurate technique. Oil & Soap 12(9): [208]-210, tables, chart. September 1935. (Published by Gillette Publishing Co, 400 W. Madison St., Chicago, Ill.)

"Paper presented as a part of the Report of the Crude Mill Operations Committee, Memphis, Tenn., May 23-24, 1935."

Gerkin, Mrs. Oliver. Feeding cottonseed cake to poultry. Cotton and Cotton Oil News 36(43): 5. Oct. 26, 1935.

(Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Grimes, J.C. Cottonseed meal, a good feed for horses and mules. Ala. Polytech. Inst. Extens. Serv. Pamphlet 10, [4] pp., table. Auburn. 1935.

[Institute of American fats and oils.] Margarine industry provides increased outlets for domestic fats and oils. 117% increase in year ending June 30--Kleberg bill would give additional 150,000,000 pound market. Mid-So. Cotton News 13(3): 2. October 1935. (Published at 822 Falls Bldg., Memphis, Tenn.)

Extracts from a statement issued recently by the Institute of American Fats and Oils.

Keith, J.I., Kuhlman, A.H., Weaver, Earl, and Gallup, W.D. Effect of a heavy cottonseed meal ration on milk and butter. Jour. Dairy Sci. 18(7): 469. July 1935. (Published at Lime and Green Sts., Lancaster, Pa.)

Abstract of paper presented at annual meeting of the American Dairy Science Association.

Experiments at Oklahoma A. & M. College are reported.

Langton, H.M. Oilseeds and oil. Whaling industry. Times [London] Trade & Engin. (new ser.) <British Empire Prod. Sect. 36(855): xxiv. May 1935. (Published at London, E.C.4, England)

"Economic aspects of cottonseed, whale oil, margarine and hydrogenation of oils are briefly reviewed. Some agricultural research on soybean culture and oil extn. is discussed.--W.H. Bruckner."--Chem. Abs. 29(13): 4612. July 10, 1935.

Lush, R.H. Experimental cottonseed meal ration plus silage versus herd ration, hay, and silage feeding. Jour. Dairy Sci. 18(7): 441-442. July 1935. (Published at Lime and Green Sts., Lancaster, Pa.)

Abstract of paper presented at annual meeting of the American Dairy Science Association.

Experiments at Louisiana State University are reported.

Margarine industry provides increased outlets for domestic fats and oils. Cotton and Cotton Oil News 36(39): 13. Sept. 28, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Includes extract from a statement issued September 28, by the Institute of American Fats and Oils and

mention of the Kleberg bill to protect American producers of fats and oils.

Meloy, G.S. Selling seed on grade. Amer. Cotton Grower 1(6): [8]-9, 18, illus. November 1935. (Published at 535 Gravier St., New Orleans, La.)

The importance of selection of good seed varieties, and of careful handling and storing before and after ginning are discussed. The quantity and quality indexes used in the grading of cottonseed are explained.

Murray, J. McD. The bullish outlook for cottonseed oil. Com. and Finance 24(41): 864. Oct. 9, 1935. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.)

Odeen, Henry, and Slosson, H.D. Some notes on the theory and practice of bleaching fatty oils. Oil & Soap 12(9): 211-215, tables. September 1935. (Published by Gillette Publishing Co., 400 W. Madison St., Chicago, Ill.)

"Presented at the Twenty-sixth Annual Meeting of the American Oil Chemists' Society at Memphis, Tennessee, May 23-24, 1935."

Includes cottonseed oil.

Peres, O.G. O Brasil precisa industrialisar a semente do algodao. Algodao 2(11): 27-29. September 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Brazil needs to commercialize cottonseed.

Motions approved at the National Cotton Conference are given.

[Rawls, F.H.] International movement of fats and oils. Cotton Oil Press 19(5): [9]-13. September 1935. (Published by International Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

"Address by...Chief of foodstuffs division, U.S. Department of Commerce, at the recent convention of Carolina cottonseed crushers."

Cottonseed oil is included.

Robertson, F.R., and Campbell, J.G. A study of the possible catalytic effect of some metal and alloys on the changes occurring in crude cottonseed oil during storage. Oil & Soap 12(10): 234-236, tables, charts. October 1935. (Published by Gillette Publishing Co., 400 W. Madison St., Chicago, Ill.)

[Yaakey, H.G.] Crash in cottonseed market predicted. Cotton and Cotton Oil News 36(43): 12. Oct. 26, 1935. (Published by Ginner & Miller Publishing Co, 3116-3118 Commerce St., Dallas, Tex.)

Extracts from statement by Hal G. Yaakey, president of the Texas Cotton Ginners' Association, calling attention to the "heavy importation of coconut oil and other vegetable oils," and urging passage of legislation to restrict such imports in order to prevent "another collapse in our cottonseed market."

LEGISLATION, REGULATION, AND ADJUDICATION

Adjustment payment to be made by Government. Okla. Cotton Grower 15(14): 1,4. Oct. 15, 1935. (Published at 10 West Sixth St., Oklahoma City, Okla.)

"The following analysis of the Cotton Price Adjustment Payment Plan of the Agricultural Adjustment Administration is given for the information of the cotton producers of Oklahoma generally and particularly for the members of the Oklahoma Cotton Growers Association."

Bankhead tax now 5.45c per pound. Cotton and Cotton Oil News 36(43): 9. Oct. 26, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Announcement of the Agricultural Adjustment Administration in regard to the new Bankhead tax rate, the new transfer price of cotton tax-exemption certificates, and the operation of the regular 1935 National Surplus Cotton Tax-Exemption Certificate Pool, are summarized.

Black, A.G. Developments in the American cotton programme. Cotton [Manchester] 41(1985): 25,27. Oct. 12, 1935. (Published by the Manchester Cotton Assoc., Ltd., 411 Fourth Floor, Royal Exchange, Manchester, 2, England.)

The chief of the Bureau of Agricultural Economics, United States Department of Agriculture, discusses the aims and workings of the various farm relief measures in the United States which led up to the adjustment program and the cotton loan program for 1935-36. Changes in the Universal Standards for American cotton are also mentioned.

Caldwell, T.J. Cotton and foreign trade. Cotton Digest 8(2): 15-16. Oct. 19, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

Government policies are discussed.

[Cassidy, G.A., jr., and Hurley, C.K.] Federal cotton production control--The Bankhead bill. Georgetown Law Jour. 22(4): 821-827. May 1934. (Published by Georgetown University School of Law, Washington, D.C.)

Three constitutional questions presented by the act are discussed.

Cobb, C.A. Cotton. Are we to have a program by and for producers or a program by and for processors and handlers? U.S. Dept. Agr. Current Info. Statement 2, 13 pp., mimeogr. Washington, D.C. 1935.

Excerpts from a "speech delivered...before the Joint Legislative Investigating Committee, Dallas, Texas, July 1, 1935."

Cotton substitution rules. Traffic World 56(13): 503. Sept. 28, 1935. (Published at 418 S. Market St., Chicago, Ill.)

"New rules governing the substitution of cotton in transit became effective September 25 by reason of the Commission's refusal to suspend Peel's I.C.C. No. 2740 and Cummings' I.C.C. Nos. 381 and 382. The new rules are carried in the tariffs mentioned. The object of the carriers was to prevent the substitution of cotton that had been carried by truck, wagon or barge for cotton entitled to further carriage by rail."

Cotton to New England. Traffic World 56(15): 584. Oct. 12, 1935. (Published at 418 S. Market St., Chicago, Ill.)

"Railroads carrying southwestern cotton have asked the Commission to give instant consideration to fourth section application Nos. 15301 and 15311, cotton from southwest and Mississippi Valley to New England destinations." Reduction of rates to compete with steamships and trucks is requested.

Cox, A.B. Cotton. Tex. Business Rev. 9(6,7,8): 4. September 1935. (Published by Bureau of Business Research, University of Texas, Austin, Tex.)

The author comments on "the change in policy of the United States government towards the cotton problem."

Do Loach, George. Ginners association of South Carolina. Oil Miller and Cotton Ginner 47(2): 5-6. October 1935. (Published at 161 Spring St., N. W., Atlanta, Ga.)

The author discusses recent regulations under the Bankhead Act and their effect on ginners, proposed tax on foreign oils, and advisability of putting ginners under the Public Service Commission.

Ellis, L.S. The processing tax the farmers' tariff. Okla. Agr. Expt. Sta. Current Farm Econ. (ser. 49) 8 (5): 92-94. October 1935. (Published by the Department of Agricultural Economics, Oklahoma A. & M. College, Stillwater, Okla.)

Farm: solving the problems of cotton control. Tenancy, crop reduction, idle acreage and other issues plague the AAA. U.S. News 3(41): 5. Oct. 14, 1935. (Published at 2201 M St., N.W., Washington, D.C.)

Policies being considered by the Agricultural Adjustment Administration are discussed.

Ginner control license. Oil Miller and Cotton Ginner 47(2): [3]-4. October 1935. (Published at 161 Spring St., N.W., Atlanta, Ga.)

Extracts "from circular letter from the office of the Secretary of the Oklahoma Ginners Association" in regard to the Oklahoma Corporation Commission's report on ginning rates and costs.

Government notices [No. 356]. Malta Govt. Gaz. (8074): 795-799, illus. Sept. 11, 1935. (Published at [Valetta], Malta)

Regulations under the Importation of Textiles (Quotas) Ordinance, 1934, by the Governor of Malta, in regard to determining the proportion of cotton in textile piece-goods, and to certificates of origin, are given.

Harris, B.D. Cotton policy disastrous. Cotton Digest 8(2): 11-12. Oct. 19, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

The author discusses the effects of unsettled war debts, of the creditor-nation status of the United States, of the tariff, and of emergency measures on the cotton export trade of the United States.

Hazard, J.W. If the AAA goes--what? Barron's 15(33): [3] 6, 8. Aug. 19, 1935. (Published at 44 Broad St., New York, N.Y.)

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C O T T O N _ R E P O R T S

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U. S. Department of Agriculture, Bureau of Agricultural Economics

Crop Reports (Summarized in Crops and Markets, which is issued monthly):
to be issued Dec. 9, 1935.

Grade and Staple Reports:

Grade, Staple Length and Tenderability of Cotton Ginned in the United States: to be issued Nov. 1, 29, 1935; Jan. 3, Apr. 17, 1936.

Weekly Grade and Staple Summary: issued Saturdays during height of ginning season, at Washington.

Weekly Grade and Staple Reports: issued Saturdays during height of ginning season, at Atlanta, Ga.; Memphis, Tenn.; Dallas, Austin, and El Paso, Tex.

Market News Reports:

American Cotton Linters Price Report: issued Wednesdays at Washington.
Daily Official Report of the Designated Spot Cotton Markets: issued from Atlanta, Ga.

Staple Cotton Premiums: issued weekly (Saturday) from Atlanta, Ga., and Memphis, Tenn.

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U. S. Department of Commerce, Bureau of the Census

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Cottonseed Received, Crushed, and on Hand, and Cottonseed Products Manufactured, Shipped out, on Hand and Exported: issued monthly, about the 12th.

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